

PAN: Y73-0152  
NOR: -002

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NOT APPLICABLE TO INTERPLANT SHIPMENTS (A)

SPECIAL PACKAGING INSTRUCTION(SPI) (A)							NATIONAL STOCK NUMBER 4730-01-391-8461
NOMENCLATURE Coupling Half, Quick Disconnect					UI EA	QUP 1	SPI NUMBER (PN) P5-1-1086
Cleaning & Drying shall be in accordance with MIL-STD-2073-1							
MILITARY PRESERVATION REQUIREMENT (MIL-STD-2073-1, Method 10)	STEPS	DRAWING OR SPECIFICATION	STYLE/ FINISH	TYPE	GRADE	CLASS	SIZE AND REMARKS (INCHES)
Intimate wrap	(B) 1	MIL-PRF-121		II			5 x 4
Container (bag)	(C) 2	MIL-DTL-117	2	III		B	2 1/2 x 4 1/2 (bag to fabricated of A-A-3174 barrier material)
Closure (step 2)	(C) 3						Heat Seal or Zip Lock Closure Bag See Note (C).
INTERMEDIATE PACKAGING AND PACKING				MARKING			
<input checked="" type="checkbox"/> In accordance with MIL-STD-2073-1				<input checked="" type="checkbox"/> In accordance with MIL-STD-129			
<input checked="" type="checkbox"/> As specified hereon. (D)				<input type="checkbox"/> As specified hereon.			
QUALITY PERFORMANCE and TESTING REQUIREMENTS							
<input checked="" type="checkbox"/> In accordance with MIL-STD-2073-1							
<input checked="" type="checkbox"/> As specified hereon. SEE NOTE (E), PAGE 2							
Unless otherwise specified, materials shall be minimum size in accordance with MIL-STD-2073-1. Tolerances shall be in accordance with material specifications.							
UNIT PACK LOGISTICS DATA (Approximate unit pack weight and size)							
WEIGHT (POUNDS)		CUBE (CUBIC FEET)		SIZE (EXTERIOR FEET)			
.04 lbs.		.006 cu. ft.		.25 x .44 x .05			
REMARKS/ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.							
<p>(A) - This SPI is not applicable for Interplant shipments. Packaging and marking for interplant shipment is for supplies and materials that do not directly enter the military supply system. Typical interplant shipments are shipments from a vendor to a subcontractor or a prime contractor, or between contractors and subcontractors, or from a vendor or contractor to a military arsenal, plant, or other activity for evaluation, immediate use, or further processing as specified in the applicable contract.</p> <p>(B) - Wrap item in specified material (step 1) and fold over excess material on the ends. Secure with tape conforming to ASTM D5486, type optional (1 pc, 3/4 x 4).</p> <p>(C) - Insert item into specified bag (step 2) and close (Step 3). NOTE: TESTING OF LEAKAGE AND HEAT SEAL CHARACTERISTICS NOT REQUIRED. A commercially equivalent bag, minimum thickness of 4 mils, with zip lock closure is also acceptable. Remove as much air as practical prior to closing. The volume of trapped air within the bag (step 2) shall be kept to a minimum by compressing the bag around the contents, or carefully drawing a vacuum inside the bag, prior to final heat sealing. When using heat seal as closure method, closure shall be accomplished in accordance with the barrier</p>							
Original Preparer: DEAN HANSEN				DATE: 5 OCT 1995		Revised by: N.Waltman	
				DATE: 9 Feb 2004			
ITEM DATA (APPROX)		SBCCOM 81361					
ITEM CODE - R88,R90,Y73,Z55		AMSRD-ECB-ENA-P		RP		DRAFT	
ITEM SIZE - 2 3/8 x 1 1/4 x 1/2 inches		PAGE NUMBER 1		NUMBER OF PAGES 3		JGS S2H1545-001 Y73-008/A 13 JAN 93	
ITEM WEIGHT - .03 lbs.				JGS S2H1545-001 Y73-008/A 13 JAN 93		R88-164 5 OCT 92	
				APPROVAL		REVISION	
						DATE	

DISTRIBUTION STATEMENT A: Approved for public release, distribution unlimited.

ATTACHMENT 004

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## SPECIAL PACKAGING INSTRUCTION

NATIONAL STOCK NUMBER  
4730-01-391-8461

NOMENCLATURE  
Coupling Half, Quick Disconnect

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bag or barrier material supplier's recommendations for dwell, pressure and temperature requirements. CAUTION SHALL BE TAKEN TO PREVENT DAMAGE TO THE BAG.

- (D) - Intermediate packaging shall be applied. Marking shall be in accordance with MIL-STD-129.  
(E) - Packaging Quality Assurance Provisions (PQAP).

### Part I - Applicable Documents

#### Military standards

- MIL-STD-2073-1 - Standard Practice For Military Packaging  
MIL-STD-1916 - Department Of Defense Test Method Standard

### Part II - Quality Provisions.

1. **First Article Inspection.** The first article packaging sample shall taken from the first article sample of coupling halves (drawing 5-1-1086) specified in QAP5-1-1086. The sample coupling halves shall be packaged and subjected to all of the examinations specified in this PQAP and shall be inspected for compliance with all of the requirements of this SPI.

a. **Acceptance Criteria.** If any first article sample fails to comply with any of the requirements, the first article sample shall be rejected.

2. **Conformance Inspection.**

a. **Lotting.** Lotting shall be as specified in QAP5-1-1086, except that the coupling halves shall be unit packed in accordance with the military preservation requirements as specified in this SPI.

b. **Sampling.** Sampling shall be conducted in accordance with the attributes sampling plan of MIL-STD-1916 using the verification levels (VLs) specified herein.

c. **Inspection.** Inspection shall consist of examination and test of all the characteristics contained in Part III and Part IV of this PQAP.

3. **Inspection equipment coding.**

- CE - Commercial inspection equipment  
VI - Visual inspection

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NOMENCLATURE Coupling Half, Quick Disconnect		PAGE NUMBER 3 of 3	SPI NUMBER (PN) P5-1-1086						
<b>PART III - INSPECTION REQUIREMENTS</b> <b>CLASSIFICATION OF CHARACTERISTICS</b>									
<b>PACKAGING CHARACTERISTICS</b>									
CATEGORY	CHARACTERISTICS	SAMPLING and ACCEPTANCE CRITERIA	INSPECTION METHOD						
Critical	None Defined.								
Major	None Defined.								
Minor									
101	Item completely clean and dry prior to unit packing.	VL III	VI						
102	Intimate Wrapping evident and correct.	VL III	VI and CE						
103	Unit pack assembly evident and correct	VL III	VI and CE						
104	Unit pack (bag) evident and correct	VL III	VI and CE						
105	Unit pack (bag) closure evident and correct	VL III	VI and CE						
106	Unit pack (bag) marking evident, correct, and legible	VL III	VI and CE						
107	Intermediate packaging evident and correct	VL III	VI and CE						
108	Intermediate packaging marking evident, correct, and legible	VL III	VI and CE						
109	Unit pack bag undamaged and correct	VL III	VI and CE						
<b>NOTES:</b> VI = Visual inspection CE = Commercial inspection equipment									
<b>PART IV - CERTIFICATION REQUIREMENTS</b> Certification shall be required for each characteristic specified below and shall include actual examination and test results when required herein. Results of examinations and tests shall be on file at the contractor's facility and shall be available to the Government for review. <table border="0"><tr><td><u>Number</u></td><td><u>Characteristic</u></td><td><u>To comply with</u></td></tr><tr><td>401</td><td>Packaging material</td><td>Applicable specification or standard specified in this SPI.</td></tr></table>				<u>Number</u>	<u>Characteristic</u>	<u>To comply with</u>	401	Packaging material	Applicable specification or standard specified in this SPI.
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